

1999-2001 Ozone Air Quality Data Update

Based on ozone air quality monitoring data for the three year period 1999-2001, 18 New England counties have average annual 4th maximum 8-hour daily maximum O₃ concentrations greater than the level of the 8-hour O₃ National Ambient Air Quality Standard (NAAQS).

New England counties failing to meet the 8-hr ozone NAAQS, 1999-2001

State	County	8-hour Ozone Design Value ¹ (ppb)
Connecticut	Fairfield	97
Connecticut	Hartford	88
Connecticut	Middlesex	99
Connecticut	New Haven	97
Connecticut	New London	90
Connecticut	Tolland	90
Maine	Hancock	89
Maine	York	86
Massachusetts	Barnstable	96
Massachusetts	Bristol	93
Massachusetts	Essex	86
Massachusetts	Hampden	85
Massachusetts	Hampshire	87
Massachusetts	Middlesex	88
Massachusetts	Worcester	85
Rhode Island	Kent	94
Rhode Island	Providence	87
Rhode Island	Washington	92

SOURCE: U.S. EPA's Aerometric Information Retrieval System (AIRS)

¹ The level of the 8-hour ozone (O₃) National Ambient Air Quality Standard (NAAQS) is 0.08 parts per million (ppm). The air quality design value for the 8-hour O₃ NAAQS is the 3-year average of the annual 4th highest daily maximum 8-hour average O₃ concentrations. The 8-hour O₃ NAAQS is not met when the 8-hour design value is greater than 0.08 ppm (85 ppb rounds up).

For additional information on air quality data relative to the 8-hour ozone NAAQS, refer to <http://www.epa.gov/ttn/rto/areas/aqdata.htm>